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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,071	05/22/2001	Kazuaki Sugai	CANO:027	7600
7590 04/05/2006			EXAMINER	
ROSSI & ASSOCIATES			KE, PENG	
P.O. Box 826			ART UNIT	
Ashburn, VA 20146-0826			PAPER NUMBER	
			2174	
DATE MAILED: 04/05/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/863,071

Applicant(s)

SUGAI, KAZUAKI

Examiner

Peng Ke

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 January 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 5-11, 13-23, 27-31, 35 and 36 is/are pending in the application.
- 4a) Of the above claim(s) 24-26 and 32-34 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-11, 13-23, 27-31, 35 and 36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

This action is responsive to communications: Amendment, filed on 1/26/06.

Claims 1-3, 5-11, 13-23, 27-31, 35 and 36 are pending in this application. Claims 1, 5, 9, 13, 17, 18, and 19 are the independent claims. Applicant's election without traverse of ^{Claims} 1-3, 5-11, 13-23, 27-31, 35 and 36 in the reply filed on 1/26/06 is acknowledged. KK

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 5-8, 13-16, and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Leong et al. (US Patent 5,513,342).

As per claim 5, Leong teaches a multi-window display system comprising:

a plurality of window display sections that each display data; (column 4, lines 10-22)

a plurality of operation panel window display sections that display a plurality of operation panel windows having operating buttons for operating said window display sections; (figure 3, items 48, 44)

a selecting section that selects one of said window display sections; (column 4, lines 26-37)

a storage that stores position information for each of the plurality of operation panel windows; (column 3, lines 63-column 4, lines 10)

a control section that changes a size of one of said operation panel window display sections corresponding to said selected one of said window display sections and calculates a display position of the corresponding operation panel window display section in accordance with a changing of a size of said selected one of said window display sections, and the position information stored in said storage; (column 4, lines 35-column 5, line 9) and

a display control section that displays the size-changed operation panel window display section based on the calculated display position. (column 4, lines 35-column 5, line 9)

As per claim 6, Leong teaches multi-window display system as claimed in claim 5, wherein said control section changes sizes of said operating buttons of said operation panel window display sections in accordance with the changing of the size of said selected one of said window display sections. (column 4, lines 35-column 5, line 9)

As per claim 8, Leong teaches a multi-window display system as claimed in claim 5, wherein said control section changes display positions and sizes of all of said window display sections and operation panel window display sections that are being displayed in accordance with the changing of the size of said selected one of said window display sections. (column 4, lines 35-column 5, line 9)

As per claim 13, it is rejected with same rationale as claim 5. Supra.

As per claim 14, it is of the same scope as claim 6. Supra.

As per claim 16, it is of the same scope as claim 8. Supra.

As per claim 18, it is rejected with the same rationale as claim 5. Supra.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 19-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leong US Patent 5,513,342 in view of Rodden US Application 2002/0191026.

As per claim 19, Leong teaches a multi-window display system comprising:

a plurality of window display sections that each display data; (column 4, lines 10-22)

a selecting section that selects one of said window display sections; (column 4, lines 26-37)

displaying said selected one of said window display sections at an enlarged size, the enlarged size being larger size than sizes of non-selected ones of said window display sections. (column 4, lines 35-column 5, line 9)

a movement direction indicating section that indicates a direction of movement of said one of said window display sections selected by said selecting section; (column 4, lines 26-37; column 3, lines 55-63) and

However, Leong fails to teach a control section that is responsive to indication of the direction of movement of said selected one of said window display sections by said movement

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direction indicating section, for moving said selected one of said window display sections in the indicated direction of movement.

Rodden teaches a control section that is responsive to indication of the direction of movement of said selected one of said window display sections by said movement direction indicating section, for moving said selected one of said window display sections in the indicated direction of movement. (paragraph 0034)

It would have been obvious to an artisan at the time of the invention to include Rodden's teaching with method of Leong in order allow windows to automatically reposition and resize in response to movement of the window.

As per claim 20, Leong and Rodden teach the method of claim 19. Leong further teaches when one of said window display sections has been selected by said selecting section, said control section carries out control such that at least one of said window display sections other than said one of said window display sections selected by said selecting section are displayed so as not to overlap with said one of said window display sections selected by said selecting section. (column 4, lines 35-column 5, line 9)

As per claim 21, Leong and Rodden teach a multi-window display system as claimed in claim 19. Leong further teaches when one of said window display sections has been selected by said selecting section said control section displays said one of said window display sections selected by said selecting section at an enlarged size. (column 4, lines 35-column 5, line 9)

As per claim 22, Leong and Rodden teach a multi-window display system as claimed in claim 21. Leong further teaches said one of said window display sections displayed at said

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enlarged size is moved in said indicated direction of movement, said control section displays said one of said window display sections displayed at said enlarged size at maximum size. (column 4, lines 35-column 5, line 9)

As per claim 23, Leong and Rodden teach a multi-window display system as claimed in claim 21. Rodden further comprising a plurality of operation panel window display sections that display operation panel windows for operating said window display sections, and wherein, when said one of said window display sections displayed at said enlarged size is moved in said indicated direction of movement, said control section displays said operation panel window display sections in a region not occupied by said window display sections. (paragraph 0034)

Claims 7 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leong US Patent 5,513,342 in view of Ishida US Patent 5,684,969.

As per claim 7, Leong teaches a multi-window display system as claimed in claim 5. However Leong fails to teach wherein said control section changes numbers of said operating buttons of said operation panel window display sections in accordance with the changing of the size of said selected one of, said window display sections.

Ishida teaches control section changes numbers of said operating buttons of said operation panel window display sections in accordance with the changing of the size of said selected one of, said window display sections. (column 8, lines 26-64)

It would have been obvious to an artisan at the time of the invention to include Ishida's teaching with method of Leong in order display all the general information in a single display.

As per claim 15, it is of the same scope as claim 7. Supra.

Claims 1-3, 9-11, 17, and 35-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leong US Patent 5,513,342 in view of Mcknight US Application 2005/0086613

As per claim 1, Leong teaches a multi-window display system comprising:
a plurality of window display sections that each display data; (column 4, lines 10-22)
a selecting section that selects one of said window display sections; (column 4, lines 23-40)
a control section that is responsive to selection of one of said window display sections by said selecting section, for changing a size of each of said window display sections based on a selection history information. (column 4, lines 35-column 5, line 9)

However, Leong fails teach a storage that stores selection history information for each of said window display sections selected by said selecting section and use the history information from this particular database.

McKnight teaches a storage that stores selection history information for each of said window display sections selected by said selecting section. (paragraph 0007-0011)

It would have been obvious to an artisan at the time of the invention to include McKnight' teaching with method of Leong in order to allow users to monitor their usage of the computer and it would be obvious to use the history information from this particular database in order to reduce storing of redundant information.

As per claim 2, Leong and McKnight teach a multi-window display system as claimed in claim 35. Leong further teaches said control section determines display positions and sizes of

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said vide window display sections and said operation panel display sections such that said selected one of said window display sections does not overlap with any of said window display sections other than said selected one of said window display sections or any of said operation panel window display sections. (column 4, lines 35-column 5, line 9)

As per claim 3, Leong and McKnight teach a multi-window display system as claimed in claim 1. Leong further teaches wherein said control section determines a display position and size of said window display sections other than said selected one of said window display sections based on a display position and size of said selected one of said window display sections. (column 4, lines 35-column 5, line 9)

As per claim 9, it is rejected with the same rationale as claim 1. Supra.

As per claims 10 and 11, they are of the same scope as claim 2 and 3. Supra.

As per claim 17, it is rejected with same rationale as claim 1. Supra.

As per claim 35, Leong and McKnight teach a multi-window display system as claimed in claim 1. Leong further teaches a plurality of operation panel window display sections that display operation panel windows for operating said window display sections. (figure 3, items 48, 44)

As per claim 36, it is rejected with the same scope as claim 35. Supra.

Response to Argument

Applicant's arguments with respect to claims 1-3, 5-11, 13-23, 27-31, 35 and 36 have been considered but are deemed to be moot in view of the new grounds of rejection.

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Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peng Ke whose telephone number is (571) 272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Peng Ke

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